

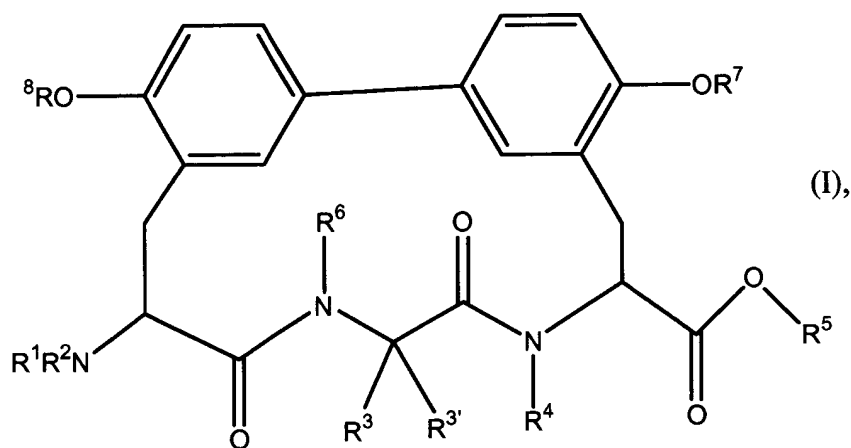
Amendments to the Claims:

Please cancel claims 16 and 18.

Please amend claims 4-14, 17, and 20 as shown below.

This listing of claims replaces all prior versions and listings of claims in the application:

1. (original) A compound of the formula



in which

$R^1$  is hydrogen, alkyl, aryl, heteroaryl, heterocyclyl, alkylcarbonyl, arylcarbonyl, heterocyclylcarbonyl, heteroarylcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkylsulfonyl, arylsulfonyl, heterocyclylsulfonyl, heteroarylsulfonyl or a carbonyl-linked amino acid residue,

where  $R^1$  apart from hydrogen may be substituted by 0, 1, 2, or 3 substituents  $R^{1-1}$ , where the substituents  $R^{1-1}$  are selected independently of one another from the group consisting of halogen, alkyl, trifluoromethyl,

trifluoromethoxy, nitro, cyano, amino, alkylamino, dialkylamino, cycloalkyl, aryl, heteroaryl, heterocyclyl, hydroxy, alkoxy, and carboxyl,

$R^2$  is hydrogen or alkyl,

where alkyl may be substituted by 0,1,2, or 3 substituents  $R^{2-1}$ , where the substituents  $R^{2-1}$  are selected independently of one another from the group consisting of halogen, amino, alkylamino and dialkylamino,

or

$R^1$  and  $R^2$  together with the nitrogen atom to which they are bonded form a heterocycle which may be substituted by 0, 1, or 2 substituents  $R^{1-2}$ , where the substituents  $R^{1-2}$  are selected independently of one another from the group consisting of halogen, trifluoromethyl, amino, alkylamino, dialkylamino, cycloalkyl, aryl, heteroaryl, heterocyclyl, hydroxy, alkoxy, carboxyl, alkoxycarbonyl and aminocarbonyl,

$R^3$  is hydrogen, alkyl or the side group of an amino acid, in which alkyl may be substituted by 0,1,2, or 3 substituents  $R^{3-1}$ , where the substituents  $R^{3-1}$  are selected independently of one another from the group consisting of trifluoromethyl, nitro, amino, alkylamino, dialkylamino, cycloalkyl, aryl, heteroaryl, heterocyclyl, hydroxy, alkoxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, guanidino and amidino,

in which cycloalkyl, aryl, heteroaryl and heterocyclyl may be substituted by 0, 1 or 2 substituents  $R^{3-2}$ , where the substituents  $R^{3-2}$  are selected independently of one another from the group consisting of halogen, alkyl, trifluoromethyl and amino,

and in which one or more free amino groups in the side group of the amino acid may be substituted by alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, alkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, heterocyclcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylaminocarbonyl, alkylsulfonyl, arylsulfonyl, heterocyclsulfonyl or heteroarylsulfonyl,

R<sup>3</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl,

R<sup>4</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl,

R<sup>5</sup> is alkyl, cycloalkyl, aryl, heteroaryl, heterocyclyl or a hydroxy function-linked amino acid residue, where R<sup>5</sup> may be substituted by 0, 1, 2 or 3 substituents R<sup>5-1</sup>, where the substituents R<sup>5-1</sup> are selected independently of one another from the group consisting of halogen, alkyl, trifluoromethyl, trifluoromethoxy, cyano, amino, alkylamino, dialkylamino, cycloalkyl, aryl, heteroaryl, heterocyclyl, hydroxy, alkoxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl and dialkylaminocarbonyl,

in which alkylamino and dialkylamino may be substituted by 0, 1, or 2 substituents R<sup>5-2</sup>, where the substituents R<sup>5-2</sup> are selected independently of one another from the group consisting of hydroxy, amino, alkoxy, alkylamino and dialkylamino,

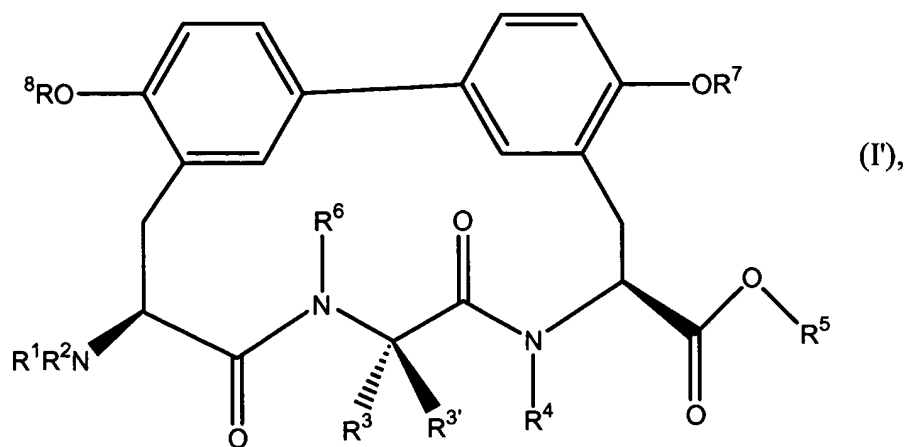
R<sup>6</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl,

R<sup>7</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, alkylcarbonyl or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl,

R<sup>8</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

and one of their salts, their solvates and the solvates of their salts.

2. (original) The compound as claimed in claim 1, characterized in that it corresponds to the formula



in which R<sup>1</sup> to R<sup>8</sup> have the same meanings as in formula (I).

3. (original) The compound as claimed in claim 1 or 2, characterized in that

R<sup>1</sup> is hydrogen, alkyl or alkylcarbonyl,

R<sup>2</sup> is hydrogen,

R<sup>3</sup> is alkyl or the side group of an amino acid, in which alkyl may be substituted by 0,1,2, or 3 substituents R<sup>3-1</sup>, where the substituents R<sup>3-1</sup> are selected independently of one another from the group consisting of trifluoromethyl, nitro, amino, alkylamino, dialkylamino, cycloalkyl, aryl, heteroaryl, heterocyclyl, hydroxy, alkoxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, guanidino and amidino,

in which cycloalkyl, aryl, heteroaryl and heterocyclyl may be substituted by 0, 1 or 2 substituents  $R^{3-2}$ , where the substituents  $R^{3-2}$  are selected independently of one another from the group consisting of halogen, alkyl, trifluoromethyl and amino,

and in which one or more free amino groups in the side group of the amino acid may be substituted by alkyl,

$R^{3'}$  is hydrogen,  $C_1$ - $C_6$ -alkyl or  $C_3$ - $C_8$ -cycloalkyl,

$R^4$  is hydrogen,  $C_1$ - $C_6$ -alkyl or  $C_3$ - $C_8$ -cycloalkyl,

$R^5$  is alkyl, cycloalkyl, aryl, heteroaryl or heterocyclyl, where  $R^5$  may be substituted by 0, 1, 2 or 3 substituents  $R^{5-1}$ , where the substituents  $R^{5-1}$  are selected independently of one another from the group consisting of halogen, alkyl, trifluoromethyl, trifluoromethoxy, cyano, amino, alkylamino, dialkylamino, cycloalkyl, aryl, heteroaryl, heterocyclyl, hydroxy, alkoxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl and dialkylaminocarbonyl,

in which alkylamino and dialkylamino may be substituted by 0, 1, or 2 substituents  $R^{5-2}$ , where the substituents  $R^{5-2}$  are selected independently of one another from the group consisting of hydroxy, amino, alkoxy, alkylamino and dialkylamino,

$R^6$  is hydrogen,

$R^7$  is hydrogen,  $C_1$ - $C_6$ -alkyl, alkylcarbonyl or  $C_3$ - $C_8$ -cycloalkyl,

and

R<sup>8</sup> is hydrogen.

4. (amended) The compound as claimed in ~~any of claims 1 to 3~~ claim 3, characterized in that

R<sup>1</sup> is hydrogen,

R<sup>2</sup> is hydrogen,

R<sup>3</sup> is aminocarbonylmethyl, 3-aminoprop-1-yl, 2-hydroxy-3-aminoprop-1-yl, 1-hydroxy-3-aminoprop-1-yl, 3-guanidinoprop-1-yl, 2-aminocarbonylethyl, 2-hydroxycarbonylethyl, 4-aminobut-1-yl, hydroxymethyl, 2-hydroxyethyl, 2-aminoethyl, 4-amino-3-hydroxybut-1yl or (1-piperidin-3-yl)methyl,

R<sup>3'</sup> is hydrogen,

R<sup>4</sup> is hydrogen, methyl, ethyl, isopropyl or cyclopropyl,

R<sup>5</sup> is alkyl or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, where R<sup>5</sup> may be substituted by 0, 1, 2 or 3 substituents R<sup>5-1</sup>, where the substituents R<sup>5-1</sup> are selected independently of one another from the group consisting of alkyl, amino, alkylamino, dialkylamino, cycloalkyl, hydroxy, alkoxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl and dialkylaminocarbonyl,

in which alkylamino and dialkylamino may be substituted by 0, 1, or 2 substituents R<sup>5-2</sup>, where the substituents R<sup>5-2</sup> are selected independently of one another from the group consisting of hydroxyl and amino,

R<sup>6</sup> is hydrogen,

R<sup>7</sup> is hydrogen,

and

$R^8$  is hydrogen.

5. (amended) The compound as claimed in ~~any of claims 1 to~~ claim 4, characterized in that

$R^1$  is hydrogen,

$R^2$  is hydrogen,

$R^3$  is 3-aminoprop-1-yl or 2-hydroxy-3-aminoprop-1-yl,

$R^{3'}$  is hydrogen,

$R^4$  is hydrogen or methyl,

$R^5$  is  $C_1$ - $C_4$ -alkyl where alkyl may be substituted by 0, 1 or 2 substituents independently of one another selected from the group consisting of amino, hydroxyl and carboxyl,

$R^6$  is hydrogen,

$R^7$  is hydrogen,

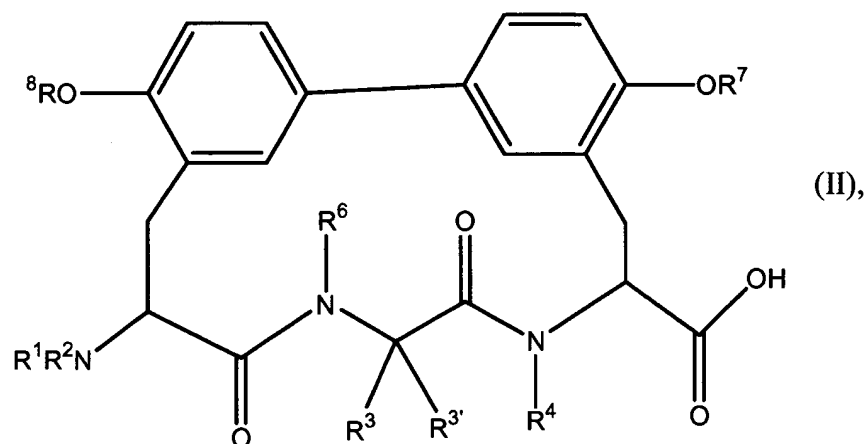
and

$R^8$  is hydrogen.

6. (amended) The compound as claimed in ~~any of claims 1 to 3~~ claim 1 or 2, characterized in that
- $R^1$  is hydrogen.
7. (amended) The compound as claimed in ~~any of claims 1, 2 and 6~~ claim 1 or 2, characterized in that  $R^2$  is hydrogen.
8. (amended) The compound as claimed in ~~any of claims 1 to 4, 6 and 7~~ claim 1 or 2, characterized in that  $R^3$  is 3-aminoprop-1-yl or 2-hydroxy-3-aminoprop-1-yl.
9. (amended) The compound as claimed in ~~any of claims 1 to 3 or 6 to 8~~ claim 1 or 2, characterized in that  $R^{3'}$  is hydrogen.
10. (amended) The compound as claimed in ~~any of claims 1 to 4 or 6 to 9~~ claim 1 or 2, characterized in that  $R^4$  is hydrogen or methyl.
11. (amended) The compound as claimed in ~~any of claims 1 to 4 or 6 to 10~~ claim 1 or 2, characterized in that  $R^5$  is  $C_1$ - $C_4$ -alkyl, where alkyl may be substituted by 0, 1 or 2 substituents independently of one another selected from the group consisting of amino, hydroxyl and carboxyl.
12. (amended) The compound as claimed in ~~any of claims 1, 2, 6 to 11~~ claim 1 or 2, characterized in that  $R^6$  is hydrogen.
13. (amended) The compound as claimed in ~~any of claims 1 to 3 or 6 to 12~~ claim 1 or 2, characterized in that  $R^7$  is hydrogen.
14. (amended) The compound as claimed in ~~any of claims 1, 2, 6 to 13~~ claim 1 or 2, characterized in that  $R^8$  is hydrogen.



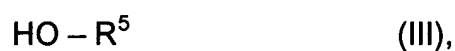
15. (original) A process for preparing a compound of the formula (I) as claimed in claim 1, characterized in that a compound of the formula



in which

$R^1$  to  $R^4$  and  $R^6$  to  $R^8$  have the meaning indicated in claim 1,

is reacted with a compound of the formula



in which

$R^5$  has the meaning indicated in claim 1.

16. (canceled)
17. (amended) A medicament comprising at least one compound as claimed in ~~any of claims 1 to 14~~ claim 1 or 2 in combination with at least one pharmaceutically suitable, pharmaceutically acceptable carrier or other excipients.
18. (canceled)

19. (original) A medicament as claimed in claim 17 for the treatment and/or prophylaxis of bacterial infections.
20. (amended) A method for controlling bacterial infections in humans and animals by administration of an antibacterially effective amount of at least one compound as claimed in ~~any of claims 1 to 14~~ claim 1 or 2.